

Remarks

Claims 9-12, 14, 19, 23-45, 47, 48, 50, 51 and 53-90 are pending in this application, with claims 9-12, 23, 27, 32, 37, 47 and 50 being independent. Claims 23-45 have been previously withdrawn. Claims 9-12, 47 and 50 have been amended, and claims 71-90 have been added. No new matter has been introduced.

In particular, claims 9, 10, 47 and 50 have each been amended for clarity and to recite the additional limitation “polishing a back surface of the substrate to reduce a thickness of the substrate to less than a pixel pitch”. Support for this amendment may be found in the application at least at page 11, lines 17-22. Applicants note that, as stated in the specification, an improvement of the directivity of light emitted by the light emitting device may be possible by reducing the thickness of the substrate to less than the pixel pitch.

Claims 11 and 12 have been amended for clarity and to recite the additional limitations “forming a base film over a first substrate”, “separating the first substrate from the base film” and “bonding a transparent substrate comprising at least a red colored layer, a green colored layer, and a blue colored layer to the base film” (emphasis added). Support for this amendment may be found in the application at least at page 41, line 8 to page 43, line 2.

Support for new claims 71, 75, 83 and 87 may be found in the application at least at page 11, lines 17-20. Support for the new claims 72, 76, 84 and 88 may be found in the application at least at page 11, line 23 to page 12, line 1. Support for the new claims 73, 77, 79, 81, 85 and 89 may be found in the application at least at Figs. 8 and 12-14, and page 23, lines 7-12 and page 30, line 24 to page 31, line 6. Support for the new claims 74, 78, 80, 82, 86 and 90 may be found in the application at least at page 8, lines 15-18, page 10, line 25 to page 11, line 1, and page 31, lines 7-11. No new matter has been introduced.

Independent claim 9 and its dependent claim 55 has been rejected as being unpatentable over Terada (U.S. Patent No. 6,280,559) in view of Bando (U.S. Patent No. 5,276,999), Nomura (U.S. Patent No. 6,320,309), and Noguchi (U.S. Patent No. 5,040,875). Independent claim 10 and its dependent claim 58 has been rejected as being unpatentable over Terada in view of Bando, Nomura, Noguchi, and Yoneda (U.S. Patent No. 6,392,340). Independent claims 47 and 50, and their dependent claims 48, 51, 67 and 70, have been rejected as being unpatentable over Terada in view of Bando, Nomura, Noguchi, and King (U.S. Patent No. 4,963,788). Independent

claims 47 and 50, and their dependent claims 50 and 51, have been rejected as being unpatentable over Terada in view of Bando, Nomura, Noguchi, and Matthies (U.S. Patent No. 6,476,783). Dependent claims 53, 54, 56 and 57, which depend from claims 9 and 10, have been rejected as being unpatentable over Terada in view of Bando, Nomura, Noguchi, and Bao (U.S. Patent No. 6,252,253). Dependent claims 65, 66, 68 and 69, which depend from claims 47 and 50, have been rejected as being unpatentable over Terada in view of Bando, Nomura, Noguchi, King, and Bao.

As stated above, each of claims 9, 10, 47 and 50 has been amended to recite the limitation "polishing a back surface of the substrate to reduce a thickness of the substrate to less than a pixel pitch". Applicants request reconsideration and withdrawal of these rejections because neither Terada, Bando, Nomura, Noguchi, Yoneda, Matthies, King, Bao, nor any proper combination of the eight describes or suggests this feature.

In particular, Bando describes a polishing machine that may be used to polish a surface of a glass plate to produce a smooth and flat glass plate (col. 1, lines 6-9). Such a plate may be used in liquid crystal display devices (col. 1, line 10). However, Bando's general suggestion that the polishing machine may be used to provide a smooth and flat glass plate does not suggest polishing a back surface of the substrate to reduce the thickness to less than a pixel pitch. Noguchi, Terrada, Nomura, Yoneda, Matthies, King and Bao do not describe or suggest polishing a substrate, and, therefore, also fail to describe or suggest the above feature.

For at least this reason, applicants request reconsideration and withdrawal of the rejections of claims 9, 10, 47 and 50, and their dependent claims.

Independent claims 11 and 12, and their dependent claims 61 and 64, have been rejected as being unpatentable over Terada in view of Bando, Nomura, Noguchi, and King. Dependent claims 59, 60, 62 and 63, which depend from claims 11 and 12, have been rejected as being unpatentable over Terada in view of Bando, Nomura, Noguchi, King and Bao. As stated above, each of claims 11 and 12 has been amended to recite forming a base film over a first substrate, separating the first substrate from the base film, and bonding a transparent substrate that includes at least a red colored layer, a green colored layer, and a blue colored layer to the base film. Applicants request reconsideration and withdrawal of these rejections because neither Terada,

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Bando, Nomura, Noguchi, King, Bao nor any proper combination of the six describes or suggests these features.

In particular, Terada describes an EL display device that includes a main substrate 33 on which is formed an EL device portion 34. Notably, Terada does not describe or suggest forming a base film over the main substrate 33, removing the base film from the main substrate 33, and then bonding a transparent substrate to the base film that includes at least a red colored layer, a green colored layer, and a blue colored layer. Rather, Terada describes grinding down the thickness of the main substrate 33 and then bonding red, green, and blue filters 35 on a reinforcing substrate 37 to the main substrate 33.

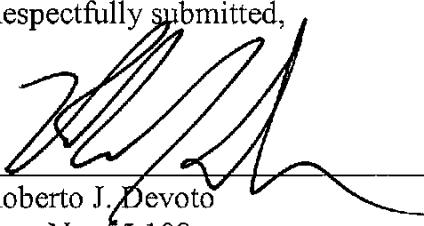
Nomura, Noguchi, Bando, King and Bao also fail to disclose the above features. Rather, Nomura describes a display device having smoothed color filters; Noguchi describes an active matrix liquid crystal display having a high contrast ratio; Bando describes a machine for polishing a surface of a glass plate; King describes a thin film EL display device with improved contrast; and Bao describes an LED device that emits light in a pattern.

For at least these reasons, applicants request reconsideration and withdrawal of the rejections of claims 11 and 12, and their dependent claims.

Applicants submit that all claims are in condition for allowance.

The fees in the amount of \$810 are being paid concurrently herewith on the Electronic Filing System (EFS) by way of Deposit Account authorization. Please apply any other charges or credits to deposit account 06-1050.

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Respectfully submitted,  
  
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